

Abstract of the Disclosure

An overload safety coupling, especially for the main drivetrains on rolling stands, which bridges a toothed spindle section and a spindle section with a permanent seat. The coupling includes a rotating-and-sliding sleeve, which has internal toothing at one end to hold the spindle section in a way that allows axial displacement. At the other end, the sleeve holds an inner sleeve, which is permanently seated on the spindle section. A pressure sleeve and a pressure gap pretensioned with pressure fluid produce a nonrotatable connection between the rear sleeve-like extension and the inner sleeve, which frictional connection gives way in the event of an overload.